

Converting Colors

$Y_{xy}(55.8639, 0.2925, 0.3559)$

Have a look what the booklet for
Yxy(55.8639, 0.2925, 0.3559)
contains.

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Color

Yxy(55.6871, 0.2919, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	A0CFBB
RGB	160, 207, 187
RGB Percent	63%, 81%, 73%
CMY	0.3727, 0.1882, 0.2666
CMYK	0.23, 0.00, 0.10, 0.19
HSL	154°, 33%, 72%
HSV	154°, 23%, 81%
XYZ	45.7760, 55.6871, 55.3578
YIQ	190.6670, -21.5920, -16.1840

Conversions

Conversions Part 2

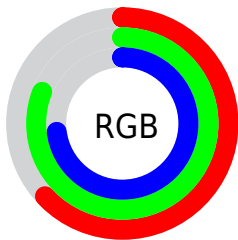
Format	Color
RYB	160, 190, 207
Decimal	10538939
CIELab	79.44, -19.43, 4.92
CIELCh	79, 20.047, 165.799
Yxy	55.6871, 0.2919, 0.3551
Android (android.graphics.Color)	4288729019 (0xFFA0CFBB)
YUV	190.6670, -1.8078, -26.8950
Hunter-Lab	74.6238, -21.0955, 8.2539

Details

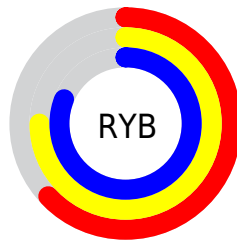
The Yxy color **55.6871, 0.2919, 0.3551** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6914, 0.3397, 0.3044**, and the grayscale version is **51.9158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4381, 0.2953, 0.3413**, and **27.6295, 0.2858, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **53.3656, 0.2836, 0.3685**, and if you desaturate by 10%, it is **58.3915, 0.3008, 0.3428**.

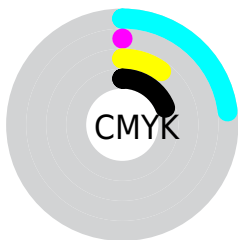
Distribution



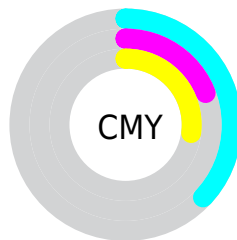
- Red (63%)
- Green (81%)
- Blue (73%)



- Red (63%)
- Yellow (75%)
- Blue (81%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)




- Cyan (37%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6871, 0.2919, 0.3551 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 55.6871, 0.2919, 0.3551 by changing the saturation by 10% instead.


 55.6871, 0.2919,
0.3551

 55.6871, 0.2919,
0.3551


408.5112, 0.3021,
0.3422

 39.9521, 0.2894,
0.3583


 98.5469, 0.2956,
0.3504

 27.5012, 0.2862,
0.3623


 126.4406, 0.2970,
0.3487

 17.9500, 0.2821,
0.3677


159.1559, 0.2981,
0.3472

 10.9141, 0.2764,
0.3751

197.0772, 0.2992,
0.3459

 6.0091, 0.2681,
0.3859

240.5891, 0.3000,
0.3448

 2.8506, 0.2550,
0.4035

290.0757, 0.3008,

 1.0542, 0.2191,

0.3438

0.4456

345.9217, 0.3015,
0.3430

0.0000, 0.0000,
0.0000

55.6871, 0.2919,
0.3551

55.6871, 0.2919,
0.3551

53.3656, 0.2836,
0.3685

58.3915, 0.3008,
0.3428

51.4022, 0.2762,
0.3831

61.4886, 0.3101,
0.3318

49.7795, 0.2701,
0.3986

64.9965, 0.3196,
0.3219


48.4763, 0.2656,
0.4148

68.9300, 0.3290,
0.3132


47.4685, 0.2629,
0.4314


71.6605, 0.3319,
0.3050


 46.7288, 0.2623,
0.4480

 72.1704, 0.3255,
0.2964

 46.2241, 0.2636,
0.4643

 72.7055, 0.3193,
0.2881

 45.9630, 0.2655,
0.4759

 73.1105, 0.3149,
0.2821

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.6871, 0.3177, 0.3719



55.6871, 0.2919, 0.3551



55.6871, 0.2722, 0.3307

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.6871, 0.2919, 0.3551



55.6871, 0.2819, 0.2851



55.6871, 0.3650, 0.3474

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.6871, 0.2919, 0.3551



41.6914, 0.3397, 0.3044

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.6871, 0.3547, 0.3252



55.6871, 0.2919, 0.3551



55.6871, 0.3059, 0.2903

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.6871, 0.2919, 0.3551



55.6871, 0.2666, 0.2908



55.6871, 0.3327, 0.3048



55.6871, 0.3606, 0.3661

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.6871, 0.2919, 0.3551



55.6871, 0.2648, 0.3144



55.6871, 0.3327, 0.3048



55.6871, 0.3632, 0.3401

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.6894, 0.2919, 0.3551



96.2913, 0.3061, 0.3365



56.9132, 0.3253, 0.3893



20.5451, 0.3055, 0.3371



0.0000, 0.0000, 0.0000



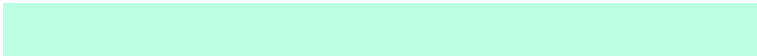
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.6894, 0.2919, 0.3551



87.4544, 0.2880, 0.3611



55.1017, 0.2790, 0.3249



13.3186, 0.3039, 0.3391



28.9749, 0.2649, 0.4737



1.6358, 0.2567, 0.4443

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.6914, 0.3397, 0.3044



61.3686, 0.3468, 0.2991



42.0355, 0.3581, 0.3331



11.8904, 0.3225, 0.3192



8.8196, 0.5259, 0.2671



0.5089, 0.4792, 0.2413

Previews

White Background



This preview shows how the Yxy color 55.6871, 0.2919, 0.3551 looks on a white background.

Color Contrast Check

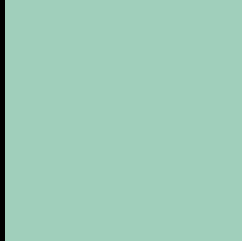
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 55.6871, 0.2919, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

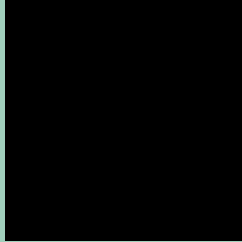
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

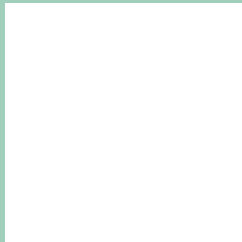
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6871, 0.2919, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 55.6871, 0.2919, 0.3551.

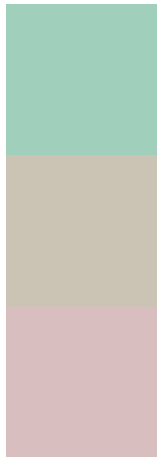


This preview shows how white text looks on a background with the Yxy color 55.6871, 0.2919, 0.3551.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.6871, 0.2919, 0.3551

Protanopia

55.5126, 0.3297, 0.3472

Deuteranopia

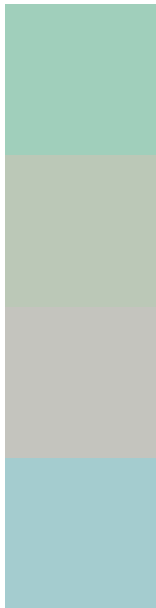
55.3402, 0.3344, 0.3279



Tritanopia

55.4625, 0.2754, 0.3078

Trichromacy



Original Color

55.6871, 0.2919, 0.3551

Protanomaly

55.2922, 0.3148, 0.3503

Deuteranomaly

54.9333, 0.3172, 0.3364

Tritanomaly

55.5832, 0.2817, 0.3251

Monochromacy



Original Color

55.6871, 0.2919, 0.3551

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.3535, 0.3045, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6871, 0.2919, 0.3551 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(160, 207, 187)` looks like.

```
.text, #text, p{  
    color:rgb(160, 207, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(160, 207, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 207, 187) }
```

Border

The CSS property to change the border of an element to Yxy 55.6871, 0.2919, 0.3551 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 207, 187) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(160, 207, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(160, 207, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 207, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 207, 187);  
box-shadow:4px 4px 4px 4px rgb(160, 207,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6871, 0.2919, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 207, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(160,  
207, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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